

BioHarness – Wireless Physiological Status Monitoring

The BioHarness is a lightweight, chest-worn strap that incorporates ECG (electrocardiogram) and breathing rate sensors for real-time portable physiological monitoring. It links to a RAELink3 portable modem, enabling the long-range wireless radio to transmit sensor readings and GPS coordinates in real time to a PC running ProRAE Guardian safety monitoring software. The BioHarness facilitates quick assessment of an individual's health status so that work levels can be modified as appropriate to reduce the risk of threats such as heat stress.

The BioHarness solution consists of a strap, BioModule with embedded sensors, RAELink3 modem, and ProRAE Guardian software.

The BioHarness strap is available in two sizes (XS-M) and (M-XL).

BioHarness Team Kit

- 4 BioHarness straps and BioModule with embedded sensors
- USB 4-bank charging station with AC adapter
- 4 spare BioHarness straps
- 4 RAELink3 modem with all required accessories
- 4 Tier 3 ProRAE Guardian Licenses
- Quick start guide
- Rugged transport case

BioHarness with RAELink3 Kit

- BioHarness strap and BioModule with embedded sensors
- USB charging cradle with AC adapter
- RAELink3 modem with all required accessories
- Quick start guide
- Transport case



Part Number	Description	List Price [USD \$]
039-BH01-001	BioHarness 3 with RAELink3 Kit (SM-M strap) - Complete BioHarness 3 package (including small-medium strap), and a RAELink3 modem with all required accessories (902-928MHz), (does not include ProRAE Guardian license)	3,970
039-BH01-101	BioHarness 3 with RAELink3 Kit (M-XL strap) - Complete BioHarness 3 package (including medium-extra large strap), and a RAELink3 modem with all required accessories (902-928MHz), (does not include ProRAE Guardian license)	3,970
039-BH10-001	BioHarness 3 Kit (SM-M strap) - Small-Medium BioHarness 3 strap with BioModule * (does not include RAELink3 or ProRAE Guardian license)	1,500
039-BH10-101	BioHarness 3 Kit (M-XL strap) - Medium-Extra Large BioHarness 3 strap with BioModule * (does not include RAELink3 or ProRAE Guardian license)	1,500
039-BH20-001	BioHarness 3 strap (SM-M) - Small-Medium BioHarness 3 strap (does not include BioModule *, RAELink3 modem, or ProRAE Guardian license)	470
039-BH20-101	BioHarness 3 strap (M-XL) - Medium-Extra Large BioHarness 3 strap (does not include BioModule *, RAELink3 modem, or ProRAE Guardian license)	470

BioHarness 3 Team Kit

A RAELink3 Modem

USA (CSA, 900MHz)

B BioHarness Straps

- | | |
|---|-------------------------|
| 0 | 8x (SM-M) |
| 1 | 8x (M-XL) |
| 2 | 1x (SM-M) and 7x (M-XL) |
| 3 | 2x (SM-M) and 6x (M-XL) |
| 4 | 3x (SM-M) and 5x (M-XL) |
| 5 | 4x (SM-M) and 4x (M-XL) |
| 6 | 5x (SM-M) and 3x (M-XL) |
| 7 | 6x (SM-M) and 2x (M-XL) |
| 8 | 7x (SM-M) and 1x (M-XL) |

039 - B H T A - B 0 1

BioHarness Configurator

Select one option for modem and one for strap sizes to build a complete model number:

0 3 9 - B H T A - B 0 1

RAELink3 Straps